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Substitute for Form 1449/A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of 8

Complete if Known

Application Number	10/649,595
Filing Date	August 26, 2003
First Named Inventor	Richard Terry
Group Art Unit	1714
Examiner Name	Peter A. Szekely
Attorney Docket Number	02706-0528 (42276-291519)

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
P.S. A V P.S.	1	2001/0010016 A1		MODAK et al	07-26-2001	
	2	861,231		CLARK	07-23-1907	
	3	1,557,234		BECHHOLD	10-13-1925	
	4	1,557,235		BECHHOLD	10-13-1925	
	5	1,642,089		SCHREIER	09-13-1927	
	6	1,685,204		SCHREIER	09-25-1928	
	7	1,691,755		BUTTNER	11-13-1928	
	8	2,283,883		CONCONI	05-19-1942	
	9	2,363,354		PEACOCK	11-21-1944	
	10	2,421,079		NARCUS	05-27-1947	
	11	2,459,896		SCHWARZ	01-25-1949	
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	13	2,562,488		FUCHS	07-31-1951	
	14	2,602,757		KANTROWITZ, et al.	07-08-1952	
	15	2,639,997		DRAKE	05-26-1953	
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	17	2,689,191		PESEL	09-14-1954	
	18	2,689,809		FESSLER	09-21-1954	
	19	2,702,253		BERGSTRÖM	02-15-1955	
	20	2,785,106		MENDELSOLM	03-12-1957	
	21	2,813,056		DAVIS, et al	11-12-1957	
	22	2,813,059		DAVIS, et al.	11-12-1957	
	23	2,822,289		MILLARD, JR.	02-04-1958	
	24	2,879,175		UMBLIA, et al	03-24-1959	
	25	2,947,282		BROWN	08-02-1960	
	26	3,184,376		DEGOLI	05-18-1965	
	27	3,228,881		THOMAS	01-11-1966	
	28	3,300,336		GAGLIARDI et al.	01-24-1967	
	29	3,380,848		HOROWITZ	04-30-1968	
	30	3,396,727		MOUNT	08-13-1968	
	31	3,404,028		TRASK et al.	10-01-1968	
	32	3,561,995		WU et al.	02-09-1971	
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	34	3,591,329		CHROMEČEK et al	07-06-1971	
	35	3,598,127		WEPSIC	08-10-1971	
	36	3,610,247		JACKSON	10-05-1971	
	37	3,639,575		SCHMOLKA	02-01-1972	

Examiner
Signature

Peter Szekely

Date
Considered

4/6/05

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P.S.	38	3,695,921		SHEPHERD, et al	10-03-1972	
↑	39	3,734,897		STOY, et al.	05-22-1973	
	40	3,761,590		FOX, JR.	09-25-1973	
	41	3,822,238		BLAIR, et al	07-02-1974	
	42	3,902,500		DRYDEN	09-02-1975	
	43	3,953,545		STOY	04-27-1976	
	44	4,076,622		COSTIN	02-28-1978	
	45	4,197,220		REMBAUM, et al	04-08-1980	
	46	4,228,056		STOY	10-14-1980	
	47	4,248,444		BERNSTEIN, et al.	08-18-1981	
	48	4,252,677		SMITH	02-24-1981	
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	50	4,327,721		GOLDIN, et al.	05-04-1982	
	51	4,339,337		TRICOT, et al.	07-13-1982	
	52	4,358,388		DANIEL, et al.	11-09-1982	
	53	4,378,796		MILHAUD	04-05-1983	
	54	4,421,660		SOLC NEE HAJNA	12-20-1983	
	55	4,436,855		HIGGINS, et al.	03-13-1984	
	56	4,443,577		HIGGINS, et al	04-17-1984	
	57	4,479,795		MUSTACICH, et al.	10-30-1984	
	58	4,483,688		AKIYAMA	01-20-1984	
	59	4,539,234		SAKAMOTO, et al	09-03-1985	
	60	4,542,169		COSTERTON	09-17-1985	
	61	4,563,184		KOROL	01-07-1986	
	62	4,564,361		AKIYAMA	01-14-1986	
	63	4,569,673		TESI	02-11-1986	
	64	4,579,731		FOX, JR., et al.	04-01-1986	
	65	4,632,108		GEIL	12-30-1986	
	66	4,642,104		SAKAMOTO, et al.	02-10-1987	
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	69	4,738,782		YAMAUCHI, et al.	04-19-1988	
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	71	4,810,582		GOULD, et al.	03-07-1989	
↓	72	4,820,292		KOROL et al	04-11-1989	
P.S.	73	4,847,049		YAMAMOTO	07-11-1989	

Examiner Signature	<i>Peter Szekely</i>	Date Considered	4/6/25
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Sheet 3	of 8	Attorney Docket Number	02706-0528 (42276-291519)

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		Number	Kind Code ² (if known)			
P.S.	74	4,871,790		LAMANNA, et al.	10-03-1989	
↑	75	4,906,466		EDWARDS, et al.	03-06-1990	
	76	4,915,694		YAMAMOTO, et al.	04-10-1990	
	77	4,923,450		MAEDA, et al.	05-08-1990	
	78	4,933,178		CAPELLI	06-12-1990	
	79	4,948,739		CHARMOT	08-14-1990	
	80	4,950,256		LUTHER, et al.	08-21-1990	
	81	4,952,411		FOX, JR., et al.	08-28-1990	
	82	4,959,268		HAGIWARA, et al.	09-25-1990	
	83	4,973,320		BRENNER, et al.	11-27-1990	
	84	4,981,886		NAKO, et al.	01-01-1991	
	85	4,999,210		SOLOMON, et al.	03-12-1991	
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	87	5,037,395		SPENCER	08-06-1991	
	88	5,049,140		BRENNER, et al.	09-17-1991	
	89	5,061,254		KARAKELLE, et al.	10-29-1991	
	90	5,146,916		CATALANI	09-15-1992	
	91	5,201,724		HUKINS, et al.	04-13-1993	
	92	5,322,887		HOWELL, et al.	06-21-1994	
	93	5,334,588		FOX, JR., DECEASED, et al.	08-02-1994	
	94	5,413,788		EDWARDS, et al.	05-09-1995	
	95	5,454,886		BURRELL, et al.	10-03-1995	
	96	5,524,642		ROSENBLATT	01-11-1996	
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	103	5,772,640		MODAK, et al.	06-30-1998	
	104	5,837,275		BURRELL, et al.	11-17-1998	
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↓	108	5,965,610		MODAK, et al.	10-12-1999	
P.S.	109	5,965,636	A	LARK	10-12-1999	

Examiner Signature	<i>Peter Szekely</i>	Date Considered	4/6/05
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		Group Art Unit	1714
Examiner Name	Peter A. Szekely		
Attorney Docket Number	02706-0528 (42276-291519)		
Sheet	4	of	8

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		Number	Kind Code ² (if known)			
P.S.	110	5,976,562		KRALL, et al.	11-02-1999	
↑	111	5,985,308		BURRELL, et al.	11-16-1999	
	112	5,993,910		CARRE, et al.	11-30-1999	
	113	5,998,504		GROTH, et al.	12-07-1999	
	114	6,017,553		BURRELL, et al.	02-25-2000	
	115	6,028,127		YANAGASE, et al.	02-22-2000	
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Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
P.S. ↑	121	AU	558,588		TERUMO KABUSHIKI KAISHA	02-05-1987		
	122	CZ	147057		ARTHUR STOY	03-24-1972		
	123	DE	89 15 538.6		WOHNSITZ DES INHABERS	12-13-1990		
	124	DE	3026258		GEBRUDER WAGSCHAL & CO KG (TRANSLATION)	01-28-1982		
	125	DE	3026258		GEBRUDER WAGSCHAL GMBH & CO. KG FEINMECHANIK	01-28-1982		
	126	DE	3228849		FRAUNHOFER-GESELLSCHAFT	02-09-1984		
	127	DE	3300203		ZINON DOUVLIS	07-05-1984		
	128	DE	3302567		CHRISTOPH STEIDLE	07-26-1984		
	129	DE	3942112		B.BRAUN MELSUNGEN AG	06-27-1991		
	↓	130	DE	4115390		GROBE-SIESTRUP	04-30-1992	
P.S.	131	DE	4316920		MICHAEL HARTMANN	01-24-1994		
	132	DE	10128625		URSAPHARM ARZNEIMITTEL	06-13-2001		

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		Office ³	Number ⁴	Kind Code ² (if known)				
P.S.	133	EP	0206024		BECTON DICKINSON & CO.	12-30-1986		
↑	134	EP	0302186		FIRMA CARL FREUDENBERG	02-08-1989		
	135	EP	0318258		UNITIKA LTD.	05-31-1989		
	136	EP	0400349		AD TECH HOLDINGS LIMITED	02-28-1996		
	137	EP	0301717		MAEDA, KARO	02-01-1989		
	138	EP	0038730		RHONE-POULENC IND.	10-28-1981		
	139	EP	0229862		TERUMO CORPORATION	07-29-1987		
	140	EP	0251783		JOHNSON MATTHEY PUBLIC LTD.	04-07-1993		
	141	EP	0328421		THE TRUSTEES OF COLOMBIA UNIVERSITY	04-14-1993		
	142	EP	0379269		BECTON DICKINSON AND CO.	03-30-1994		
	143	EP	0399096		FIRMA CARL FREUDENBERG	11-28-1990		
	144	EP	0699081		HARTMAN AND MULLER (ABSTRACT)	03-17-1999		
	145	EP	0699081		HARTMAN AND MULLER	03-17-1999		
	146	FR	2,109,932		TECNA CORPORATION	05-26-1972		
	147	FR	2,330025		SULC	05-27-1977		
	148	GB	777,679		STANLEY DUNLOP	06-26-1957		
	149	JP	Patent Abstract: 05117585		TOKYO KEIKAKU:KK	05-14-1993		
	150	JP	Patent Abstract: 03038504		SHINAGAWA NENRYO KKSHINANEN NEW CERAMIC: KK	02-19-1991		
	151	JP	59-218157		AMERICAN HOSPITAL SUPPLY, CORP.	12-08-1984		
↓	152	JP	5-117585		TOKYO KEIKAKU:KK	05-14-1993		
P.S.	153	JP	3-38504		SHINAGAWA NENRYO KKSHINANEN NEW CERAMIC: KK	02-19-1991		

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P.S.	154	JP	4272764		KOIDE	09-29-1992		
↑	155	JP	4272765		KOIDE	09-29-1992		
	156	WO	01/53414		C. R. BARD, INC.	07-26-2001		
	157	WO	97/31709		THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK	09-04-1997		
	158	WO	94/27652		HARTMAN AND MULLER	12-08-1994		
	159	WO	92/18098		CAPELLI	10-29-1992		
	160	WO	85/02190		HILES	05-23-1985		
↓	161	WO	86/02006		BAXTER TRAVENOL LABORATORIES INC	04-10-1986		
P.S.	162	WO	84/01721		BAXTER TRAVENOL LABORATORIES INC.	05-10-1984		

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OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

P.S.	163	ESP@cenet Publication Abstract, DE3228849, Fraunhofer Ges Forschung, (2-9-1984).	
↑	164	ESP@cenet Publication Abstract, DE3300203, Zinon Douvliis, (7-5-1984).	
	165	ESP@cenet Publication Abstract, DE3302567, Steidle Christoph, (7-26-1984).	
	166	ESP@cenet Publication Abstract, DE3942112, Braun Melsungen AG, (6-26-1991).	
	167	ESP@cenet Publication Abstract, DE4115390, Grosse Siestrup, (4-30-1992).	
	168	ESP@cenet Publication Abstract, EP0302186, Carl Freudenberg, (11-27-1990).	
	169	HARTMANN <i>et al.</i> , Abstract of "Reduction of the bacterial load by the silver-coated endotracheal tube (SCET), a laboratory investigation" <i>Technology and Healthcare 1999</i> , Vol. 7, No. 5, p. 359-370, Dialog Access No. 10188995 20008765.	
	170	KOIDE <i>et al.</i> , Chemical Abstract No. 118:45828x	
	171	KOIDE <i>et al.</i> , Chemical Abstract No. 118:45828y	
↓	172	LAPERUTA, R., <i>et al.</i> , "Preparation and Characterization of Silver Colloid/Polymer Composite Nonlinear Optical Materials," Department of Chemistry, SPIE1497 (1991)*-10 May, Dallas, Texas.	
P.S.	173	MAKI <i>et al.</i> , "An Attachable Silver Impregnated Cuff for Prevention of Infection With Central Venous Catheters: A Prospective Randomized Multicenter Trial," <i>American Journal of Medicine</i> , Vol. 85, p. 307-314 (1988).	

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P.S.	174	OLSON, M.E., <i>et al.</i> , "Silver-Coated Endotracheal Tubes Associated with Reduced Bacterial Burden in the Lungs of Mechanically Ventilated Dogs", <i>Respiratory and Critical Care Medicine</i> , Vol. 163, No. 5, p. A754 (2001)	
↑	175	OLSON, M.E., <i>et al.</i> , "Silver-Coated Endotracheal Tubes Associated with Reduced Bacterial Burden in the Lungs of Mechanically Ventilated Dogs", <i>Laboratory and Animal Investigations</i> , Vol. 121, No. 3, pp. 863-870 (2002)	
	176	STOY, Chemical Abstract No. 79:105832g	
↓	177	SULC <i>et al.</i> , Chemical Abstract No. 88:51681x	
P.S.	178	WROBLESKI, D.A. <i>et al.</i> , "Surface Modification of Poly(ether urethane) by Chemical Infusion and Graft Polymerization", <i>Progress of Biomedical Polymers</i> , pp. 192-204, 1988.[Chemical Abstract No. 114:234998f, Wroblewski, <i>et al.</i>]	

Examiner Signature	Peter Szekely	Date Considered	4/6/05
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.